

**APPLICATION OF HYPERSPECTRAL REMOTE SENSING FOR MAPPING  
SWELLING CLAYS IN AN AREA OF COALBED METHANE DEVELOPMENT**

Jamie L. McBeth

**Applications of the USGS Historical Film Archive**

Randy A. McKinley

**Automated Stand Delineation for Fire Fuels Mapping**

Jennifer Stefanacci

**Winner: Best Use of Spatial Analysis or Visualization**

**Available Spectral Satellites for Land Imaging**

Drew Probst

**Center for Earth Resources Observation and Science (EROS)**

**Sensor Technology and Characterization Research**

**Assuring the Quality of Aerial Imagery**

Jon Christopherson, Steve Helterbrand, George Lee, Don Moe, Greg Stensaas

**Center for Earth Resources Observation and Science (EROS)**

**Sensor Technology and Characterization Research**

**Medium-Resolution Satellites: A World of Choices**

Bryan Christensen, Jon Christopherson, Pat Scaramuzza, Greg Stensaas

**Center for Earth Resources Observation and Science (EROS)**

**Sensor Technology and Characterization Research**

**Remote Sensing Data Characterization**

Jon Christopherson, Steve Helterbrand, George Lee, Don Moe, Greg Stensaas

**CLICK: The USGS Center for LIDAR Information Coordination & Knowledge**

Jordan Menig

**Winner: Everyone Wants to Work on This Project**

**DOI Fire Science Thrust – Front Range Pilot**

Jennifer Stefanacci

**ESTIMATION OF RIVER DISCHARGE AND CHANNEL GEOMETRY FROM  
REMOTELY SENSED INFORMATION**

David Bjerklie

**Winner: Best Use of Remote Sensing Tools**

**An Evaluation of Multiple Satellite Sensors for Mapping Impervious Surface and  
Monitoring Urban Growth and Environmental Condition**

George Xian, Mike Crane, and Brian Granneman

**Evaluation and Comparison of Gross Primary Production Estimates for the Northern Great Plains**

Li Zhang, Bruce Wylie, Thomas Loveland, Eugene Fosnight, Larry Tieszen, and Lei Ji

**Florida Coastal Flooding Susceptibility in Anticipation of Hurricane Wilma: October 24, 2005**

John J. Kosovich

**A Global Slope Dataset for calculation of Peak Ground Acceleration**

Kris Verdin et al

**Winner: Most Social Impact**

**Hurricane Response and Recovery Activities**

Jill Cress

**Implementing the Commercial Remote Sensing Space Policy  
(Helping Federal Users Get the Imagery They Need)**

Julia Deis, Jeff Danielson, Glenn Nordmeyer, Mike Benson

**InSAR Monitoring of Earthquake, Volcano, and Landslide Processes**

Zhong Lu, Ohig Kwoun, and Russ Rykhus,

**InSAR Studies of Coastal Regions**

Ohig Kwoun, Zhong Lu, and Russ Rykhus

**Winner: Best Project Presentation**

**LANDSAT: SCIENCE FROM THE FIELD**

Rachel Kurtz, Mark A. Ernste

**Landsat Data Continuity Mission: Continuing Three Decades of Earth Imaging**

John L. Dwyer, Thomas R. Loveland

**LANDSAT ETM+ SLC-OFF SEGMENT-BASED GAP-FILLED IMAGERY**

Susan Maxwell, Gail Schmidt, Jim Storey

**The Land Processes Distributed Active Archive Center (LP DAAC): Serving the Land Remote Sensing Community**

Jennifer Willems, Roger Oleson

**Winner: Best Design and Layout**

**LEVEL 1 DATA PRODUCT AVAILABILITY FROM EARTH OBSERVING-1 (EO-1)**

Jeffrey J. Danielson, Pamela J. Van Zee, Jerad L. Shaw

**Winner: Best Overall Display**

**LP DAAC ASTER and MODIS Land Data Products and Selected Applications**

Kenneth A. Duda, Thomas Maersperger

**Moderate Resolution Imaging Spectroradiometer (MODIS) Direct Broadcast Reception and Processing at the U.S. Geological Survey (USGS) Center for Earth Resources Observation and Science (EROS)**

Karen M. Zanter

**Winner: Best Use of Color**

**MODIS Direct Broadcast**

Karen Zanter

**Monitoring Alaska Lakes Using The USGS Historical Photo and Satellite Image Archive**

Randy A. McKinley

**Natural Hazards Support System (NHSS)**

Jill Cress

**Remote Sensing Measures for Monitoring Drought and Fire Danger Characteristics in Rangelands**

Jesslyn F. Brown and Yingxin Gu

**Winner: Longest Poster**

**San Francisco Panorama**

Bryan Christensen

**Sea Ice Characterization Utilizing Remotely Sensed Information**

Jeff Sloan, Stan Wilds, Lori Baer

**SPATIAL RESOLUTION OF SLOPE CATEGORIES: A COMPARISON BETWEEN 10-, 2-, AND 1-METER TERRAIN MODELS**

John J. Kosovich

**USGS/Remote Sensing Long Term Data Archive Management, Preservation, Access, and Distribution Two separate Posters**

Ryan Longhenry, Wayne Miller, Ken Boettcher, Rich McKinney

**Use of MODIS-EVI Remotely Sensed Imagery to Map Perennial Vegetation Cover in the Mojave Desert**

Authors: Wallace, Cynthia S.A., Kathryn A. Thomas, and Robert Webb